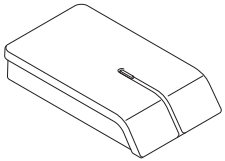
Product and user information Gateway 16/17

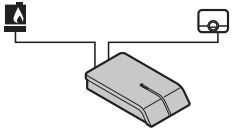
Intended use

- **The Gateways 16/17** are designed to operate as a communication interface between a domestic climate installation (e.g. boiler, heat pump, etc) and the controller.
- **The Gateway 16** supports a controller equipped with the communication protocol ON/OFF or OpenTherm.
- **The Gateway 17** supports a controller equipped with the communication protocol BSB.



Installation

The installation of the gateway must be performed by a qualified person.
Note: Consult your installer.
In case you install the Gateway yourself, strictly follow the attached installation instructions.



Commissioning

For the commissioning of the Gateway is no special procedure required.
Consult the user manual of the room thermostat for more information if required.

Reference documentation

A Gateway installation instruction will be provided in the box. On the label on the Gateway you will find the meaning of the LED indications.
The Gateway 16/17 will be a part of your climate system. Consult the product information of the controller, boiler, heat pump e.g. for more information.

Cleaning

The Gateway 16/17 can be cleaned with a light moist cloth. Do not use any aggressive or abrasive agents.

Trouble shooting

In case of any problems with your controller, gateway and/or climate installation will occur, please consult the user manual of your room thermostat or installation. Consult your installer or sales outlet for unsolved issues.

Dismantling

Never open or dismantle the gateway. Consult you Installer or sales outlet in case of any problems.

Disposal

The Gateway 16/17 is a regular low voltage electronic device.
Dispose the Gateway 16/17 in an environmentally friendly way, in accordance with local regulations.

Technical specifications

Dimensions	
Width x height x depth (max. dimensions)	83 x 145 x 38 mm
Power supply	
Bus connection voltage	24V ± 5%
Maximum power consumption	4 W
Electrical connection (OpenTherm and RoomUnit bus)	
Maximum cable length	50 m
Maximum cable resistance	2 x 5 Ω
Ambient conditions	
Storage temperature	from -25°C to +70°C
Relative humidity	from 5% to 95%, condensation is not allowed
Operating conditions	from 0°C to 60°C
Insulation	
IP-classification	IP21

Compliant with standards	
NEN-EN-IEC 60335-1 2012 NEN-EN-IEC 60335-1 2012/C11 2014 NEN-EN-IEC 60335-1 2012/A11 2014	Household and similar electrical appliances
2014/30/EC	Low Voltage Directive (LVD)
2014/35/EC	Electro Magnetic Compatibility Directive (EMC)
2002/95/EC	Restriction of the use of certain Hazardous Substances in electrical and electronic equipment (ROHS)
2002/96/EC	Waste Electrical & Electronic Equipment (WEEE)
1907/06/EC	Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
EN 55022-2011	Information technology Equipment
EN 55024-2010	Immunity
EN 60950-1	Information Technology Equipment – Safety – Part 1: General requirements
EN 60068-2-6	Vibration test
EN 60068-2-27	Shock test
EN 60068-2-32	Drop test
OpenTherm	V3.1

ErP Fiche information (Controller connected to Gateway)	On modulating boiler	On modulating boiler, with outdoor sensor	On On/Off boiler
Class	V	VI	IV
Contribution to space heating energy efficiency	3%	4%	2%

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